

**NOTES:**

1. FOR LEGEND, ABBREVIATIONS & GENERAL NOTES, SEE DWG E-1
2. FOR B1 LEVEL W/CR SMOKE DETECTOR RISER DIAGRAM, SEE DWG E-3.

**THE PORT AUTHORITY  
OF NY & NJ**

ENGINEERING PROGRAM MANAGER  
WORLD TRADE  
*[Signature]*  
CHIEF ELECTRICAL ENGINEER

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. WTC-841571 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 12/17/99 [Signature]  
CONTRACT ENGR/ARCHT.

DATE 12/19/99 [Signature]  
ENGINEERING PROGRAM M

No.	Date	Revision	Drawn by
-----	------	----------	----------

ENGINEERING DEPARTMENT

WORLD
TRADE
CENTER

ELECTRICAL  
Title

FIRE ALARM SYSTEM  
PHASE III  
5 WTC MER'S, EMR'S  
AND SUBSTATIONS

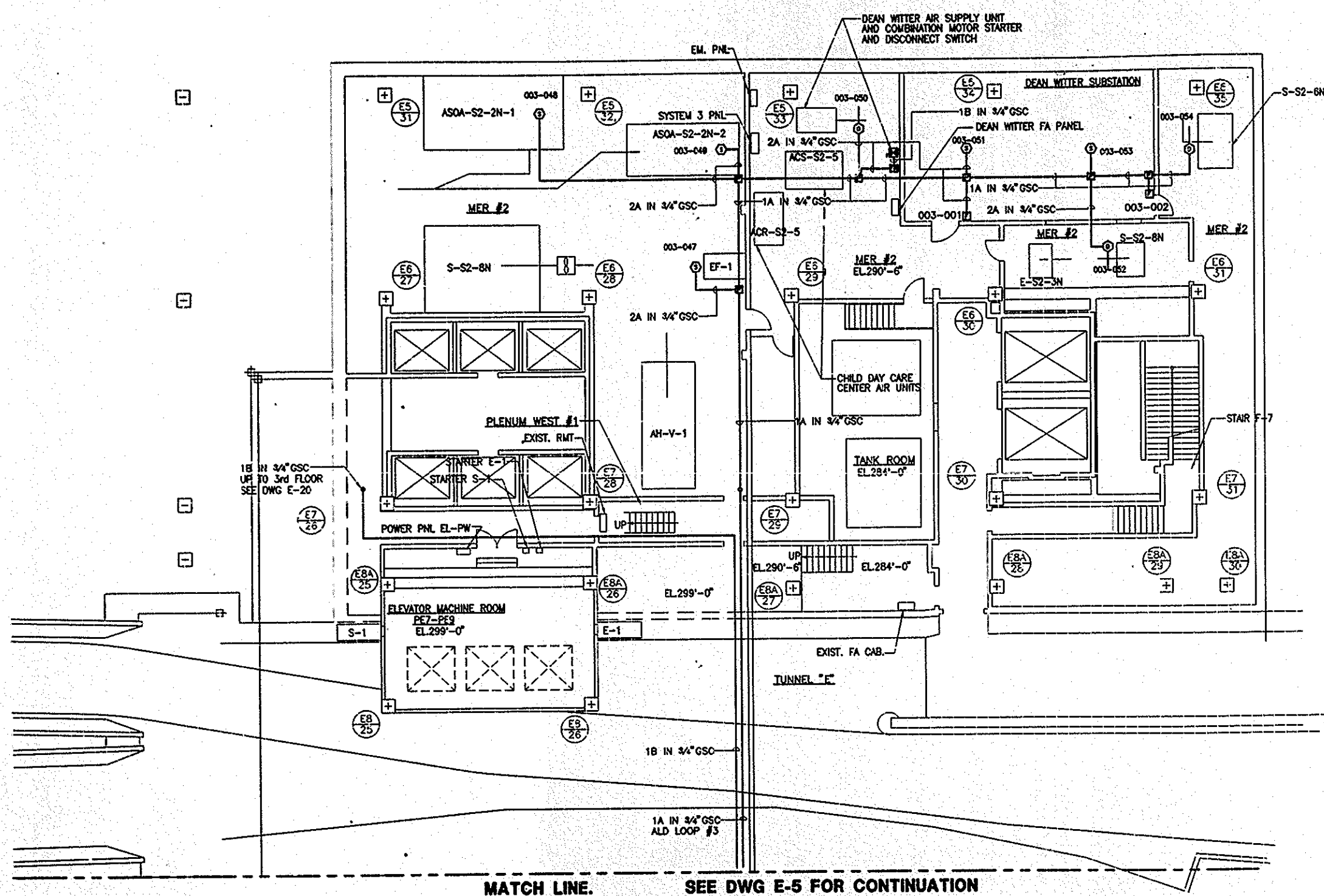
B1 LEVEL SUBSTATION,  
EMR AND A.C. PLENUM  
SMOKE DETECTOR PLAN

This drawing subject to conditions in Form 100. All inventions, ideas, designs and methods herein are reserved to Pat. Authority and may not be used without its written consent.

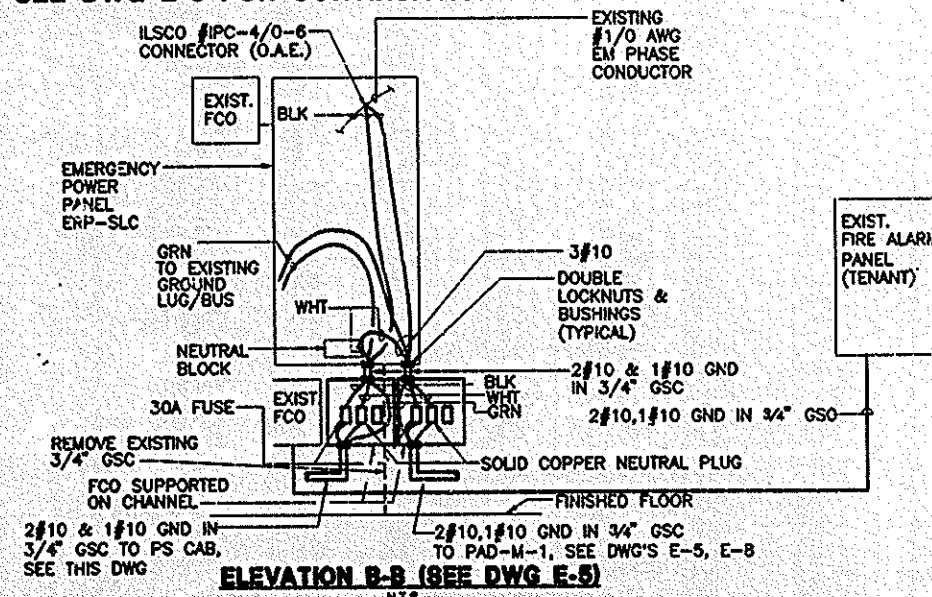
**FELDSTEIN ROYZMAN**  
Designed by Drawn by

5-17-99  
Date

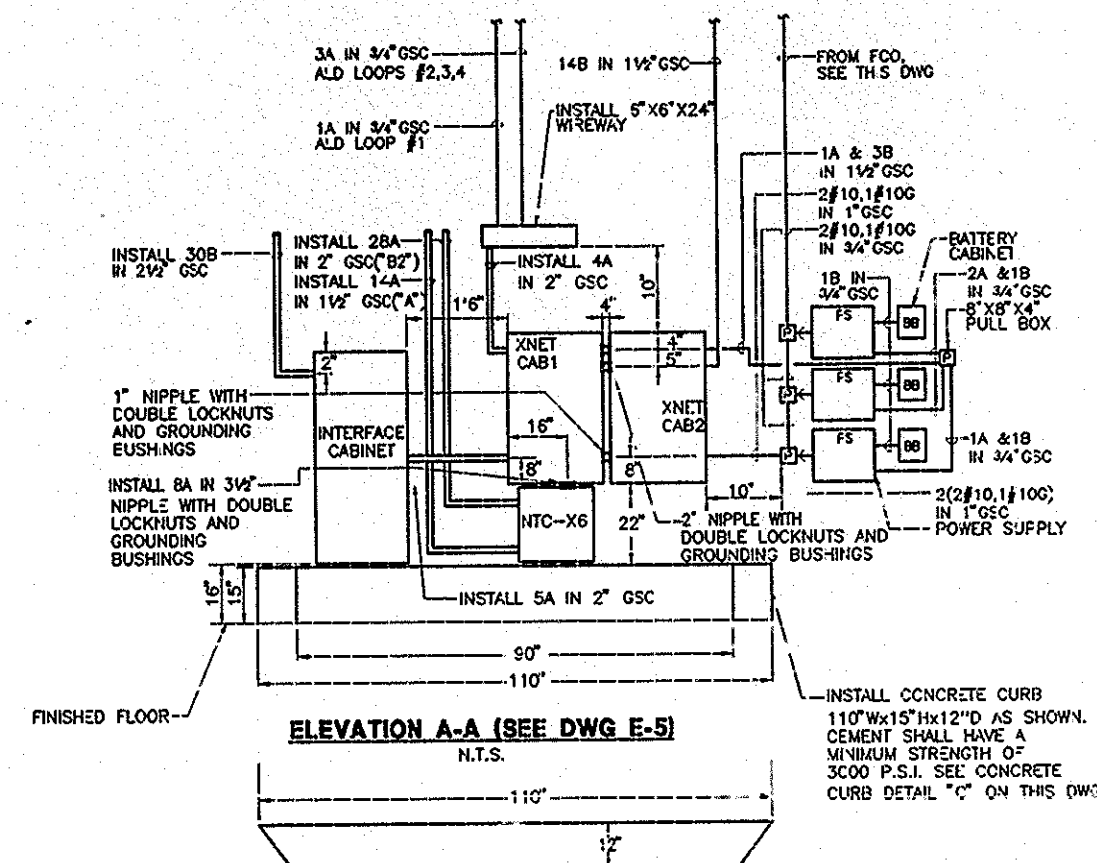
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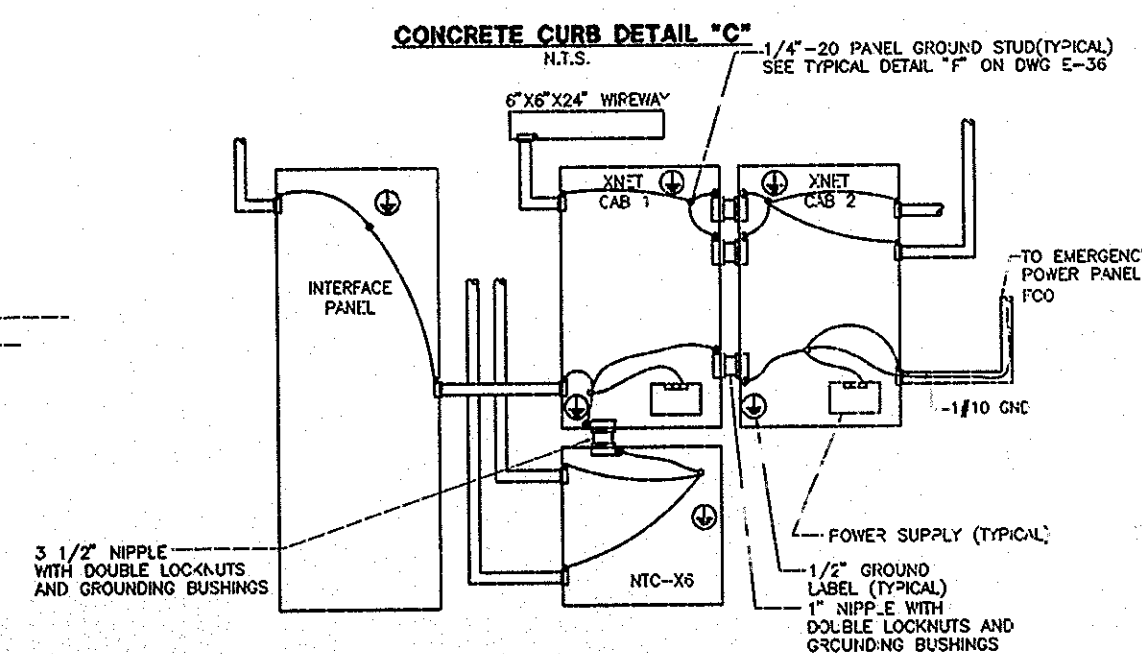
**MATCH LINE.** **SEE DWG E-5 FOR CONTINUATION**



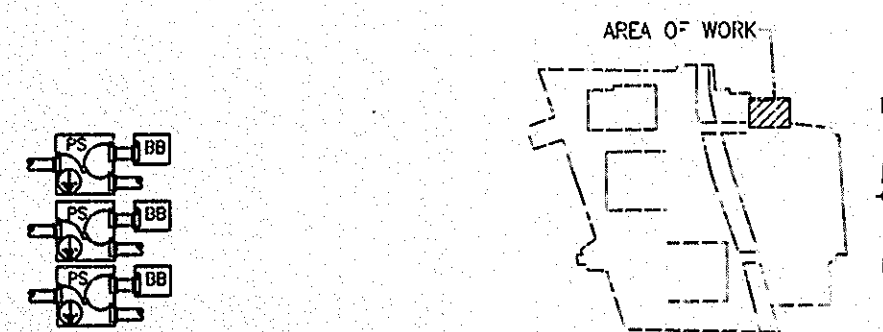
**ELEVATION B-B (SEE DWG E-5)**



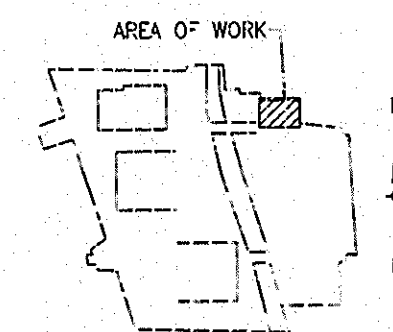
**ELEVATION A-A (SEE DWG E-5)**



### XNET CABINET AND NTC-X6 GROUND WIRING DETAIL



**POWER SUPPLY CABINETS**  
**GROUND WIRING DETAIL**



## KEY PLAN

0 6 12 18  
SCALE IN FEET